

AMENDMENTS TO THE CLAIMS:

Claims 9-11, 18 and 26-41 are pending. Claims 1-8, 12-17 and 19 are cancelled herein without prejudice or disclaimer. Claims 26-41 are added herein. Claims 9-11 and 18 are amended herein. This listing of claims will replace all prior versions, and listings of claims, in the application.

LISTING OF CLAIMS:

Claims 1 – 8 (Cancelled).

9. (Currently amended) The nucleic acid of claim 1, wherein said An isolated, purified, or enriched nucleic acid, comprising a control region of a human peroxisome proliferator activated receptor gamma (PPAR γ) gene, wherein the control region comprises nucleotides 1-125 of SEQ ID NO: 1.

10. (Currently amended) The nucleic acid of claim 1, wherein said An isolated, purified, or enriched nucleic acid, comprising a control region of a human peroxisome proliferator activated receptor gamma (PPAR γ) gene, wherein the control region comprises nucleotides 818-1320 of SEQ ID NO: 3.

11. (Currently amended) The nucleic acid of claim 1, wherein said An isolated, purified, or enriched nucleic acid, comprising a control region of a human peroxisome proliferator activated receptor gamma (PPAR γ) gene, wherein the control region comprises nucleotides 368-1144 of SEQ ID NO: 34.

Claims 12 – 17 (Cancelled).

18. (Currently amended) A cell, comprising:
a recombinant the nucleic acid of claim 9; and which comprises a control region of a human PPAR γ gene and a reporter sequence;

wherein said the control region is operably linked to said the reporter sequence so as to effectively initiate, terminate or regulate the transcription of said the reporter reported sequence.

Claim 19-25 (Cancelled).

26. (New) The cell of claim 18, wherein the reporter sequence encodes an enzyme that produces a detectable colorimetric or a fluorometric change in the cell.

27. (New) The cell of claim 26, wherein the enzyme is selected from the group consisting of luciferase, a green fluorescent protein, chloramphenicol acetyl transferase, β -

galactosidase, p-lactamase, secreted placental alkaline phosphatase, human growth hormone, an esterase, a phosphatase, tissue plasminogen activator and urokinase.

28. (New) A cell, comprising:

the nucleic acid of claim 10; and
a reporter sequence;

wherein the control region is operably linked to the reporter sequence so as to effectively initiate, terminate or regulate the transcription of the reporter sequence.

29. (New) The cell of claim 28, wherein the reporter sequence encodes an enzyme that produces a detectable colorimetric or a fluorometric change in the cell.

30. (New) The cell of claim 29, wherein the enzyme is selected from the group consisting of luciferase, a green fluorescent protein, chloramphenicol acetyl transferase, β-galactosidase, p-lactamase, secreted placental alkaline phosphatase, human growth hormone, an esterase, a phosphatase, tissue plasminogen activator and urokinase.

31. (New) A cell, comprising:

the nucleic acid of claim 11; and
a reporter sequence;

wherein the control region is operably linked to the reporter sequence so as to effectively initiate, terminate or regulate the transcription of the reporter sequence

32. (New) The cell of claim 31, wherein the reporter sequence encodes an enzyme that produces a detectable colorimetric or a fluorometric change in the cell.

33. (New) The cell of claim 32, wherein the enzyme is selected from the group consisting of luciferase, a green fluorescent protein, chloramphenicol acetyl transferase, β-galactosidase, p-lactamase, secreted placental alkaline phosphatase, human growth hormone, an esterase, a phosphatase, tissue plasminogen activator and urokinase.

34. (New) An isolated, purified, or enriched nucleic acid, comprising a control region of a human peroxisome proliferator activated receptor gamma gene comprising at least 100 contiguous nucleotides selected from nucleotides 1-125 of SEQ ID NO: 1.

35. (New) An isolated, purified, or enriched nucleic acid, comprising a control region of a human peroxisome proliferator activated receptor gamma gene comprising at least 60 contiguous nucleotides selected from nucleotides 1-125 of SEQ ID NO: 1.

36. (New) An isolated, purified, or enriched nucleic acid, comprising a control region of a human peroxisome proliferator activated receptor gamma gene comprising at least 100 contiguous nucleotides selected from nucleotides 818-1320 of SEQ ID NO: 3.

37. (New) An isolated, purified, or enriched nucleic acid, comprising a control region of a human peroxisome proliferator activated receptor gamma gene comprising at least 60 contiguous nucleotides selected from nucleotides 818-1320 of SEQ ID NO: 3.

38. (New) An isolated, purified, or enriched nucleic acid, comprising a control region of a human peroxisome proliferator activated receptor gamma gene comprising at least 30 contiguous nucleotides selected from nucleotides 818-1320 of SEQ ID NO: 3.

39. (New) An isolated, purified, or enriched nucleic acid, comprising a control region of a human peroxisome proliferator activated receptor gamma gene comprising at least 100 contiguous nucleotides selected from nucleotides 368-1144 of SEQ ID NO: 34.

40. (New) An isolated, purified, or enriched nucleic acid, comprising a control region of a human peroxisome proliferator activated receptor gamma gene comprising at least 60 contiguous nucleotides selected from nucleotides 368-1144 of SEQ ID NO: 34.

41. (New) An isolated, purified, or enriched nucleic acid, comprising a control region of a human peroxisome proliferator activated receptor gamma gene comprising at least 30 contiguous nucleotides selected from nucleotides 368-1144 of SEQ ID NO: 34.